

Title (en)
PLATE HEAT EXCHANGER

Title (de)
PLATTENWÄRMETAUSCHER

Title (fr)
ECHANGEUR THERMIQUE A PLAQUES

Publication
EP 0760082 B1 19990324 (EN)

Application
EP 95920343 A 19950517

Priority
• SE 9500553 W 19950517
• SE 9401757 A 19940518

Abstract (en)
[origin: US5797446A] PCT No. PCT/SE95/00553 Sec. 371 Date Nov. 7, 1996 Sec. 102(e) Date Nov. 7, 1996 PCT Filed May 17, 1995 PCT Pub. No. WO95/31687 PCT Pub. Date Nov. 23, 1995The present invention refers to a plate heat exchanger for heat transfer between two fluids, comprising two frame plates (6) and between these several permanently joined heat transfer plates (3), which have inlet and outlet openings (9) for respective fluids in their corner portions, communicating with connections (8) through at least one of the frame plates (6). The connections (8) are formed of outer extending pipes (10) provided with internal linings (11). The outer pipes (10) are permanently fastened to the frame plate (6) and the internal linings (11) are permanently connected with an adjacent first heat transfer plate (3).

IPC 1-7
F28F 9/02; **F28D 9/00**

IPC 8 full level
F28F 3/10 (2006.01); **F28D 9/00** (2006.01); **F28F 3/08** (2006.01); **F28F 9/04** (2006.01); **F28F 19/00** (2006.01); **F28F 19/02** (2006.01)

CPC (source: EP US)
F28D 9/00 (2013.01 - EP US); **F28D 9/005** (2013.01 - EP US); **F28F 3/083** (2013.01 - EP US); **F28F 9/0246** (2013.01 - EP US); **F28F 19/002** (2013.01 - EP US); **F28F 19/02** (2013.01 - EP US); **Y10S 165/359** (2013.01 - EP US)

Designated contracting state (EPC)
DE DK ES FR GB IT SE

DOCDB simple family (publication)
US 5797446 A 19980825; BR 9507726 A 19970923; CN 1122814 C 20031001; CN 1148888 A 19970430; DE 69508575 D1 19990429; DE 69508575 T2 19990715; DK 0760082 T3 20000605; EP 0760082 A1 19970305; EP 0760082 B1 19990324; ES 2130616 T3 19990701; JP 3594606 B2 20041202; JP H10500203 A 19980106; SE 502796 C2 19960115; SE 9401757 D0 19940518; SE 9401757 L 19951119; WO 9531687 A1 19951123

DOCDB simple family (application)
US 73761696 A 19961107; BR 9507726 A 19950517; CN 95193124 A 19950517; DE 69508575 T 19950517; DK 95920343 T 19950517; EP 95920343 A 19950517; ES 95920343 T 19950517; JP 52957895 A 19950517; SE 9401757 A 19940518; SE 9500553 W 19950517